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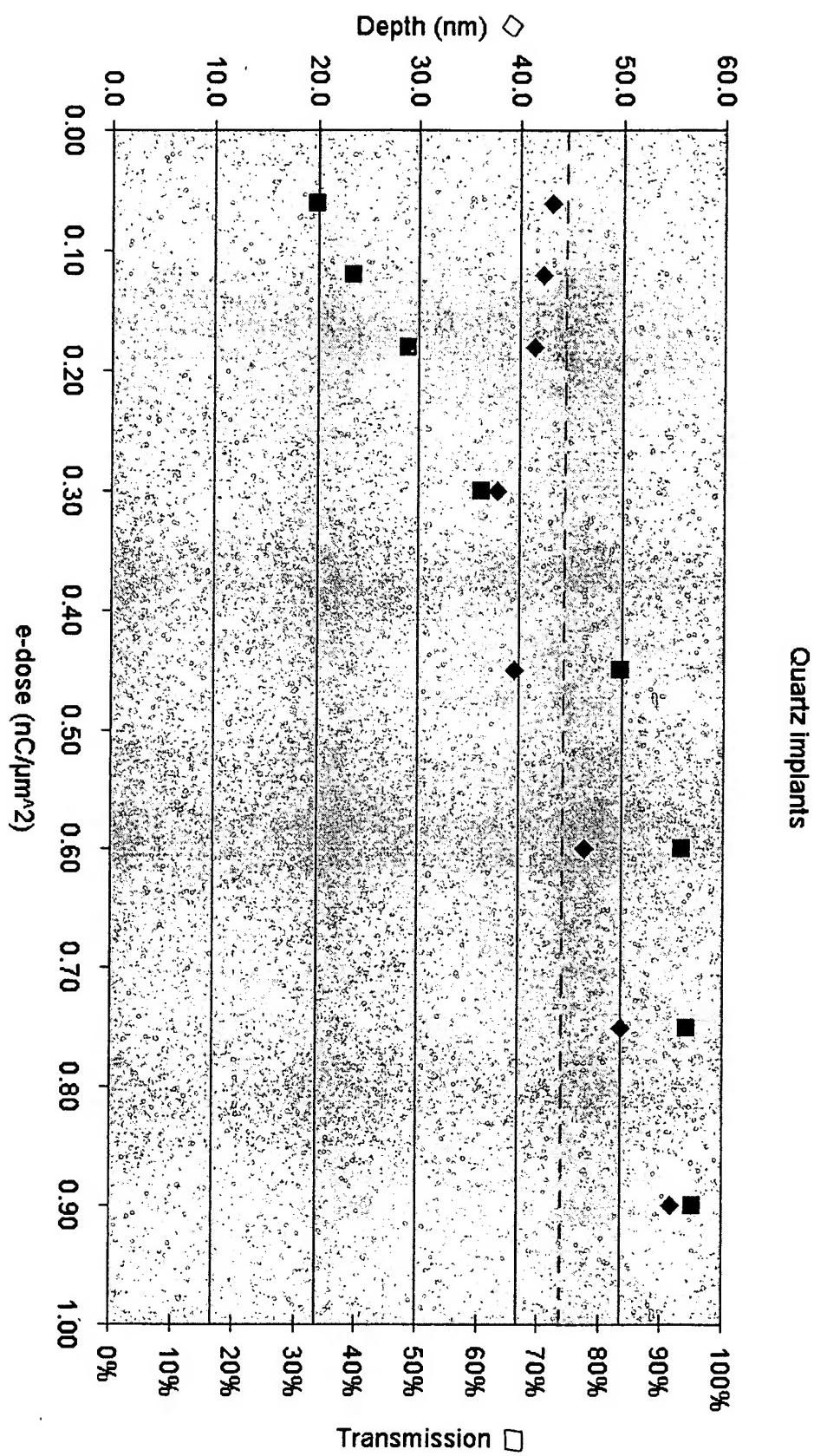


FIG. 1

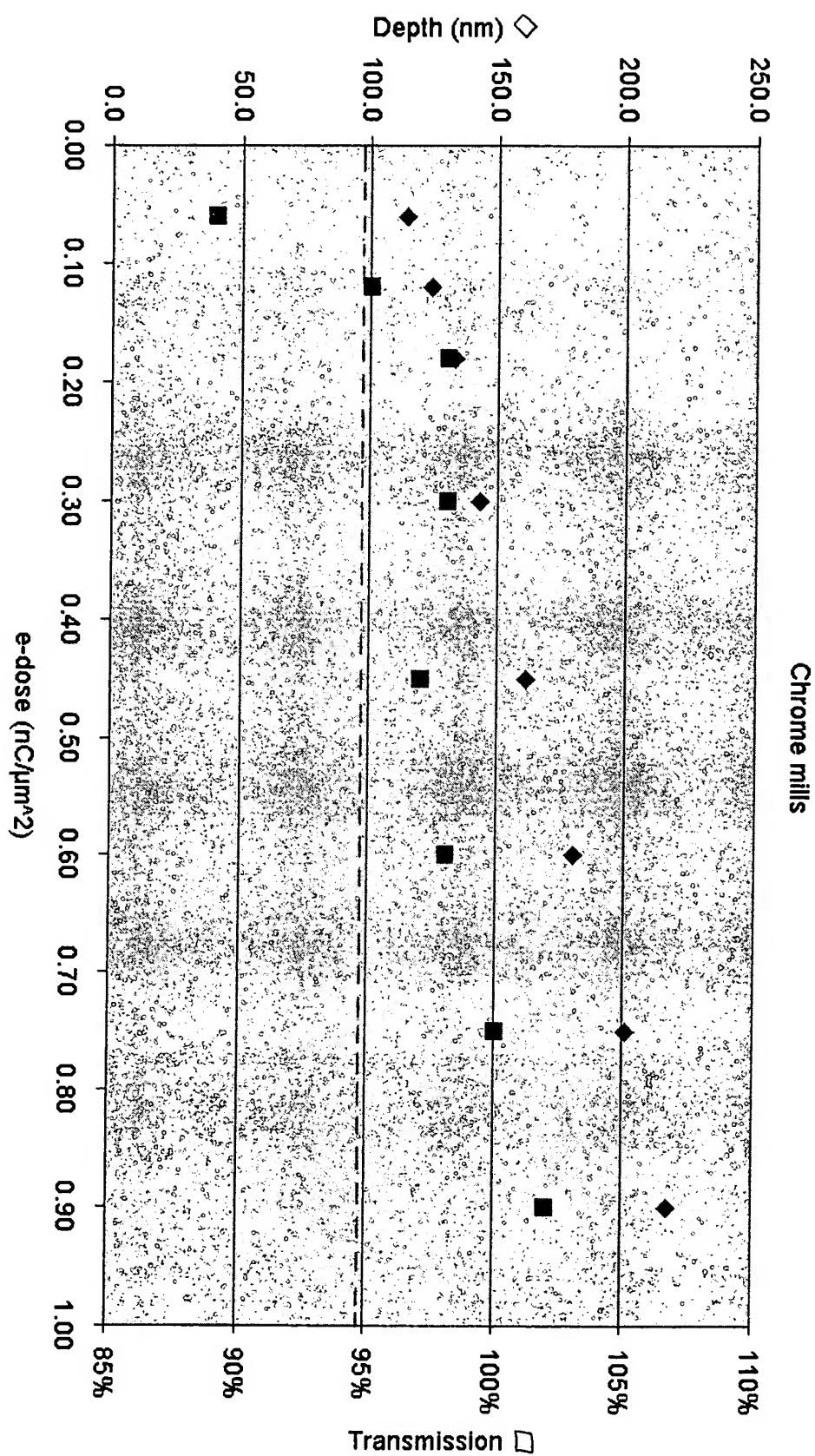


FIG. 2

193 Transmission of Ga implanted quartz for a variety of Ga⁺ implant doses, as a function of e-cleanup dose

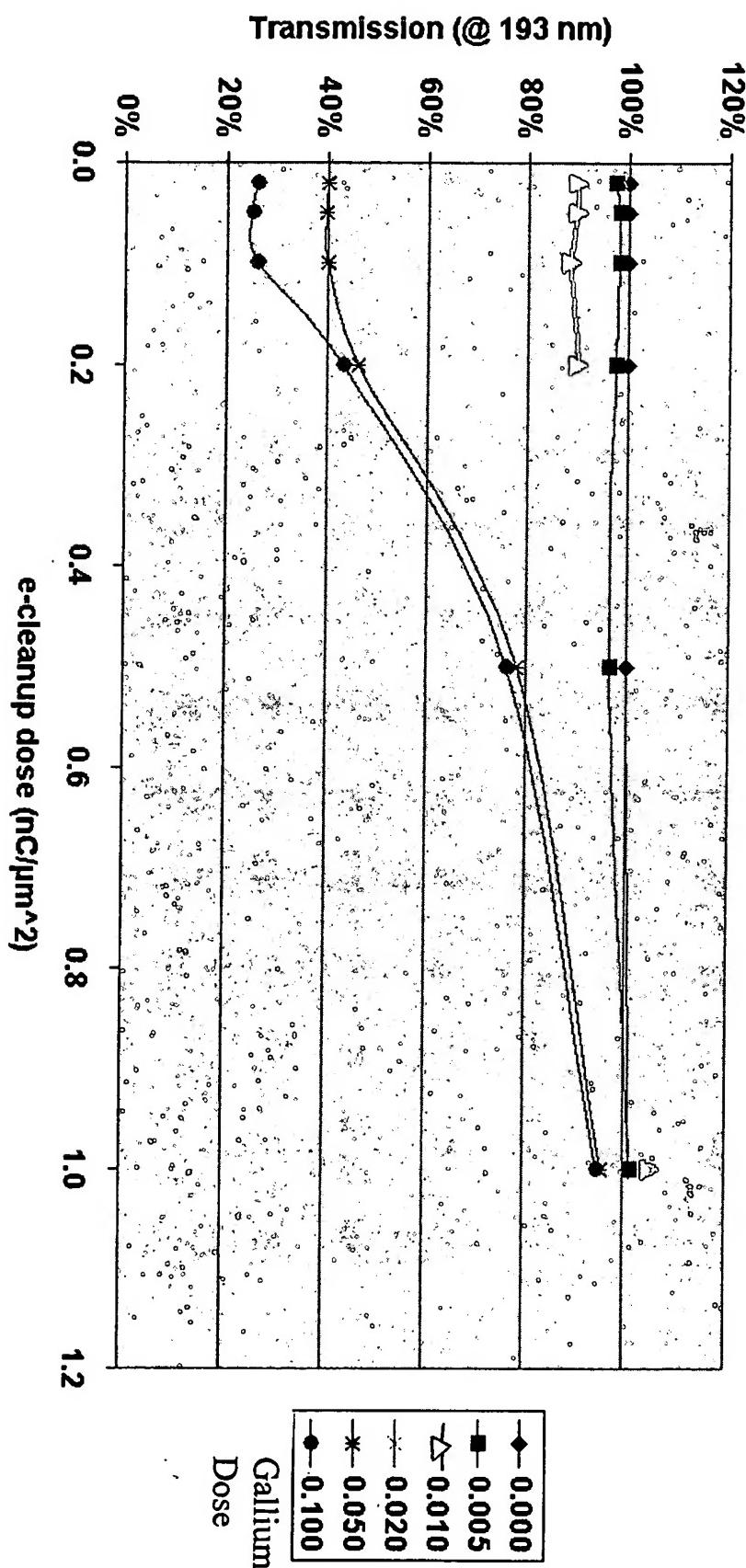


FIG. 3

157 Transmission of Ga implanted quartz for a variety of Ga⁺ implant doses, as a function of e-cleanup dose

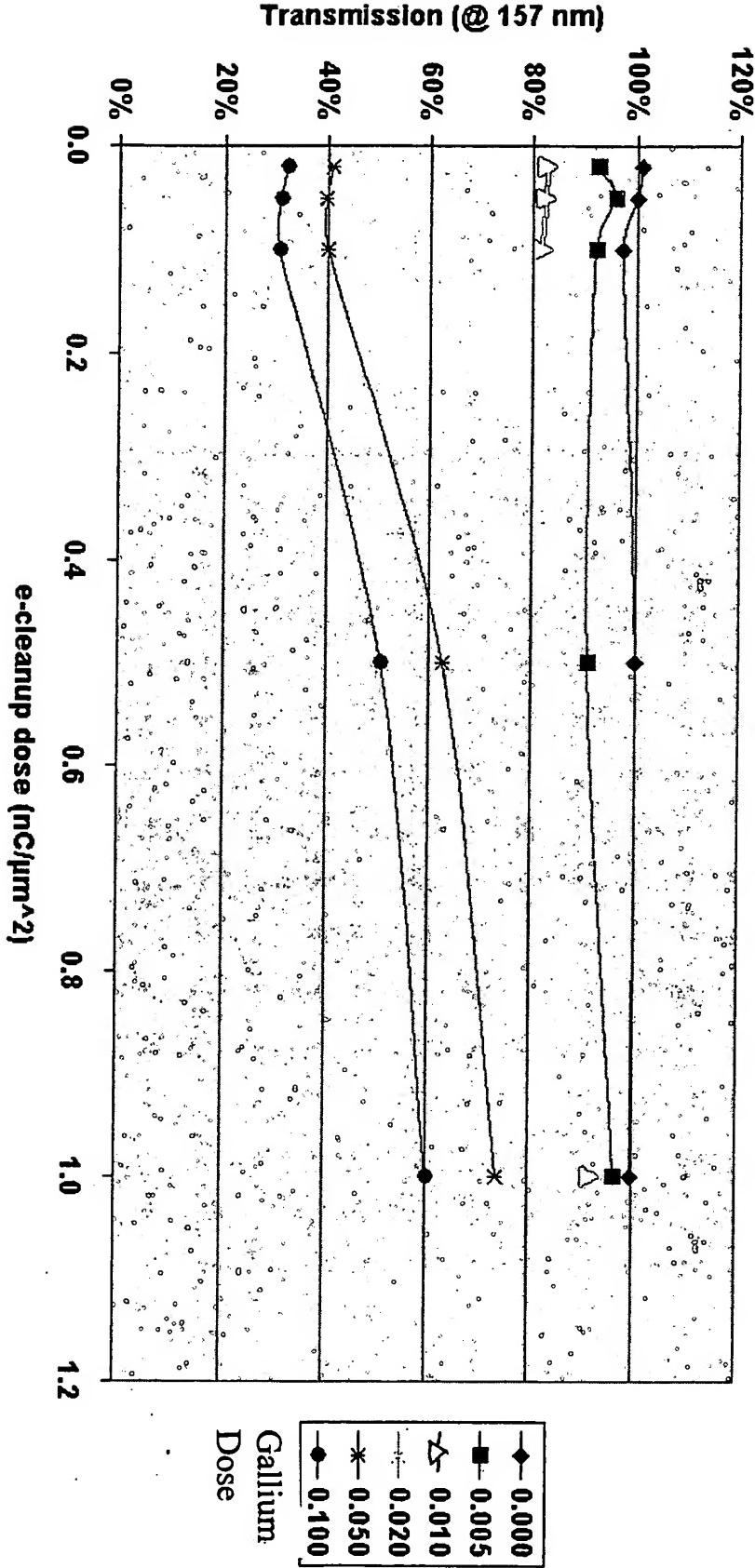


FIG. 4

**SNP DIFF depth of Ga implanted quartz for a variety of Ga⁺ implant doses, as a function of e.
cleanup dose**

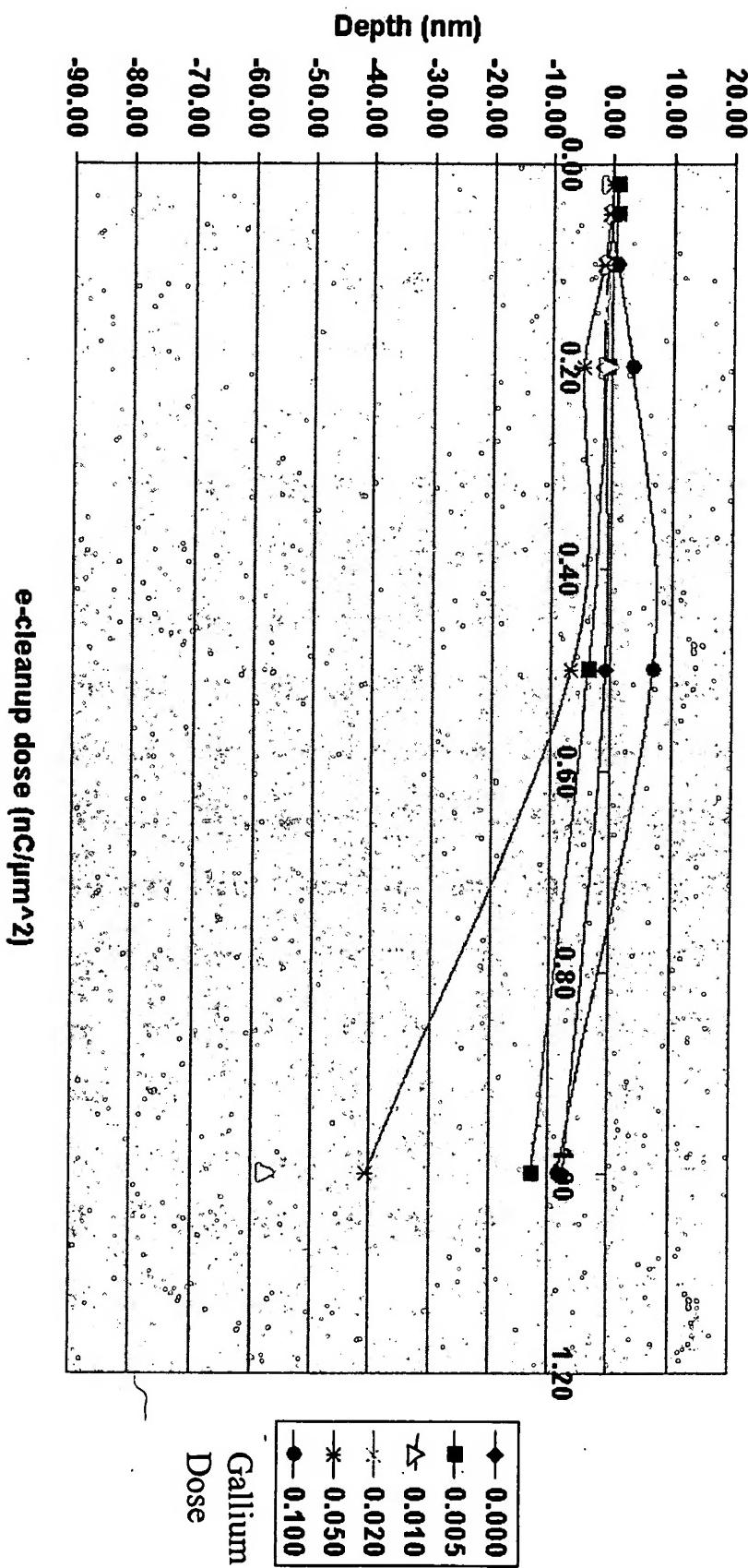


FIG. 5

193 Transmission of Ga implanted quartz after a variety of cleanup doses, as a function of Ga⁺ implant dose

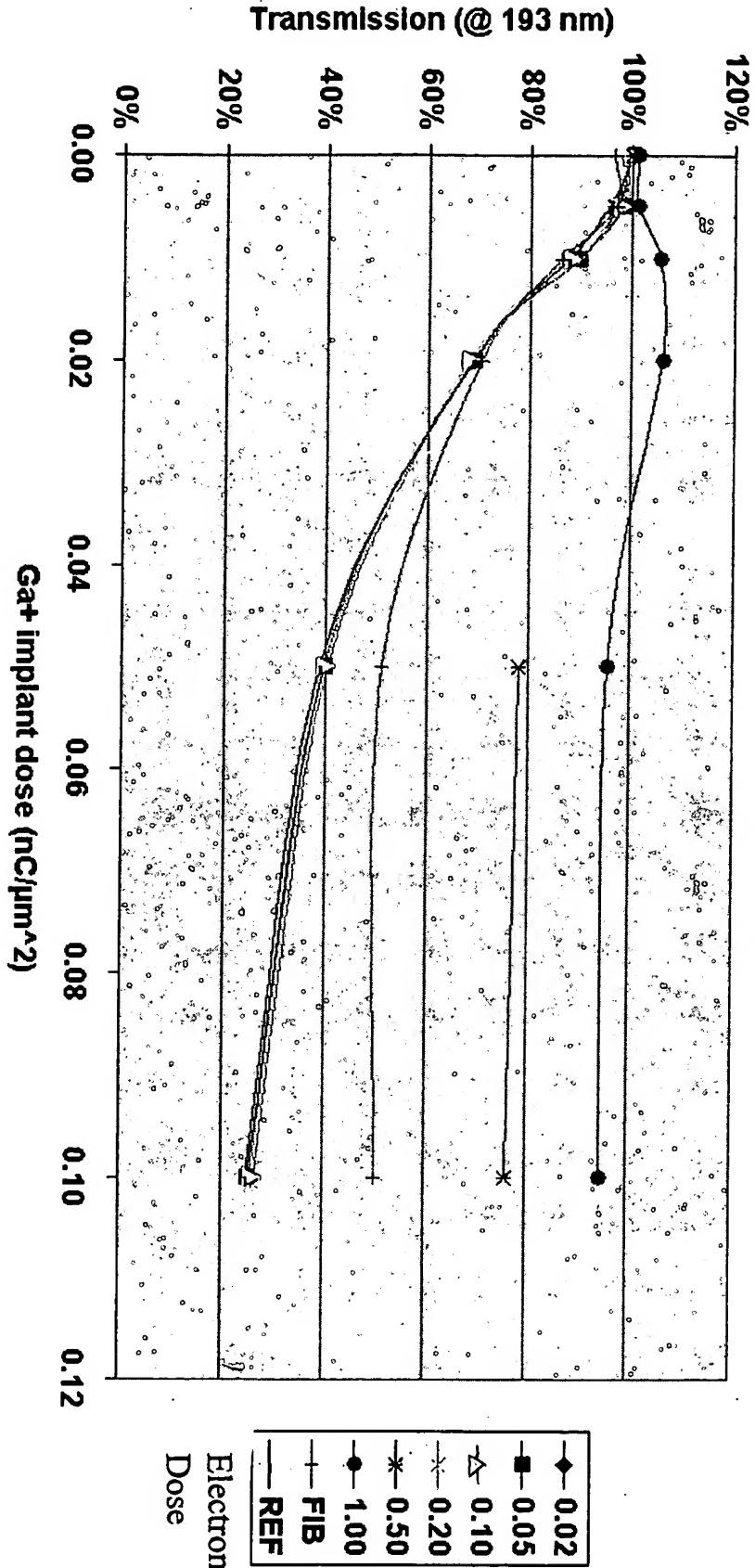


FIG. 6

**157 Transmission of Ga implanted quartz after a variety of cleanup doses, as a function of
Ga+ implant dose**

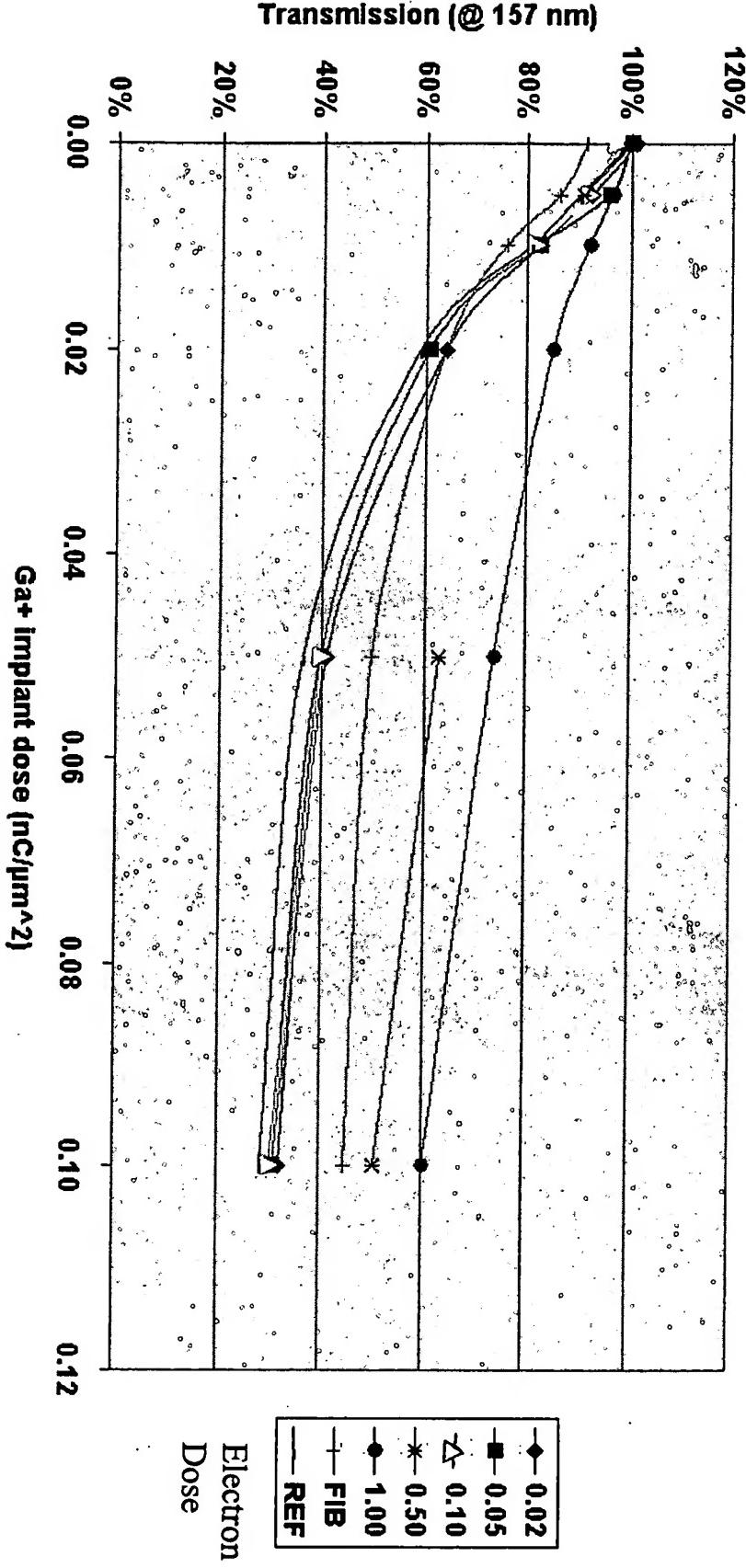


FIG. 7

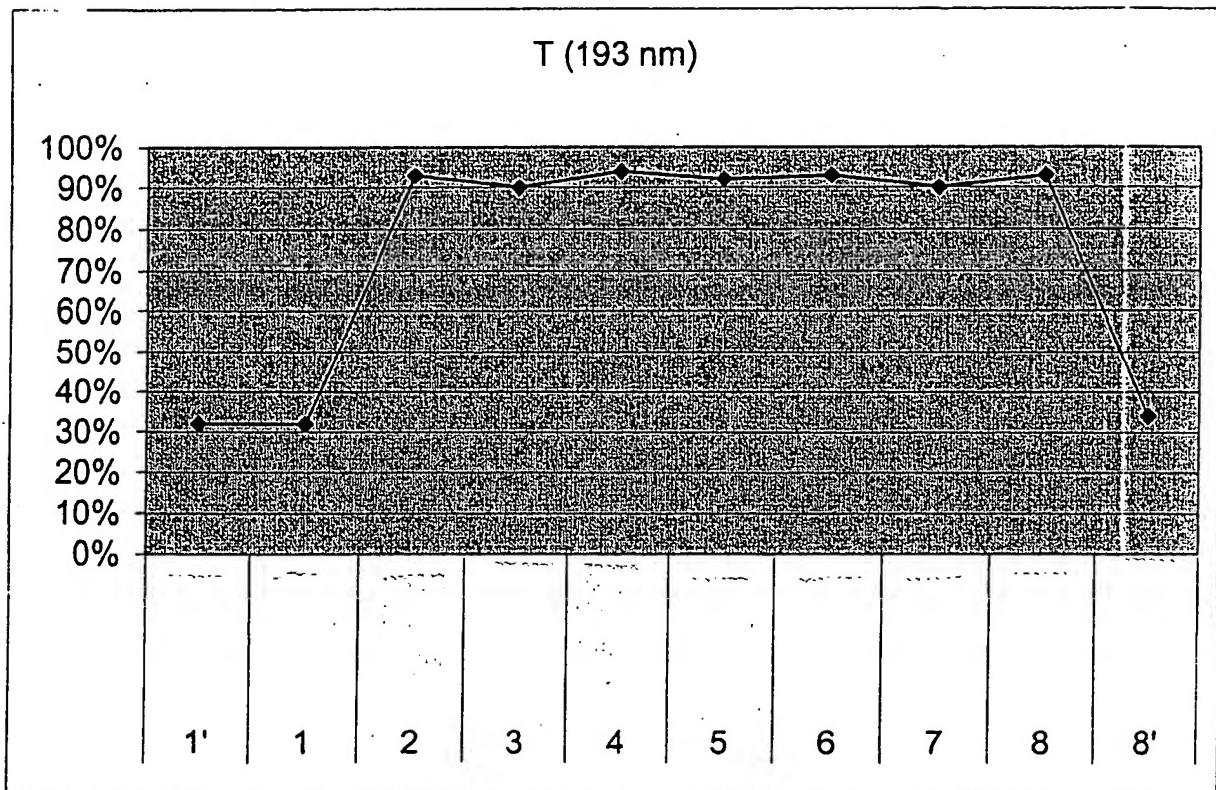


FIG. 8

FIG.
9A

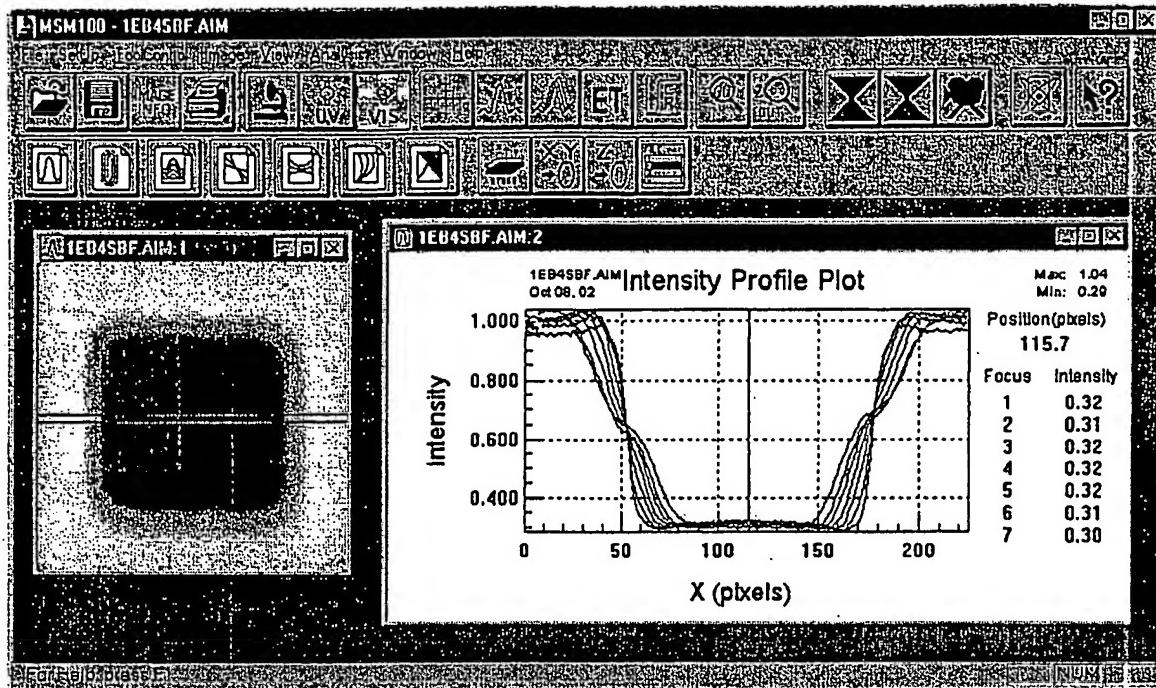


FIG.
9B

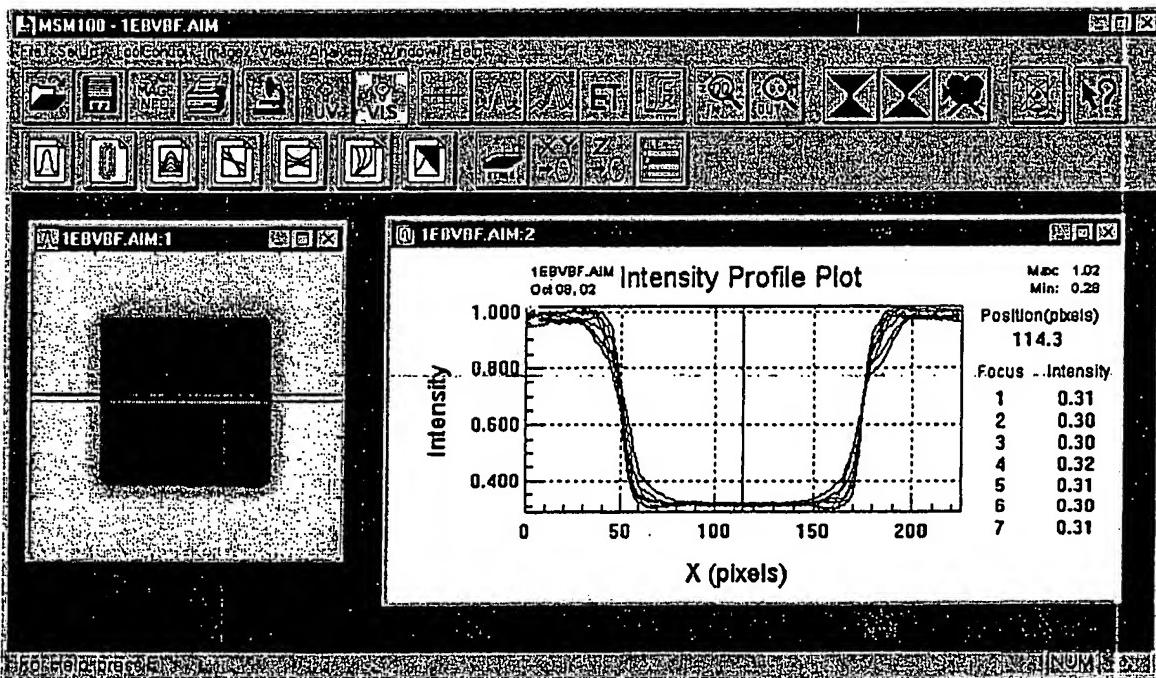


FIG.
9C

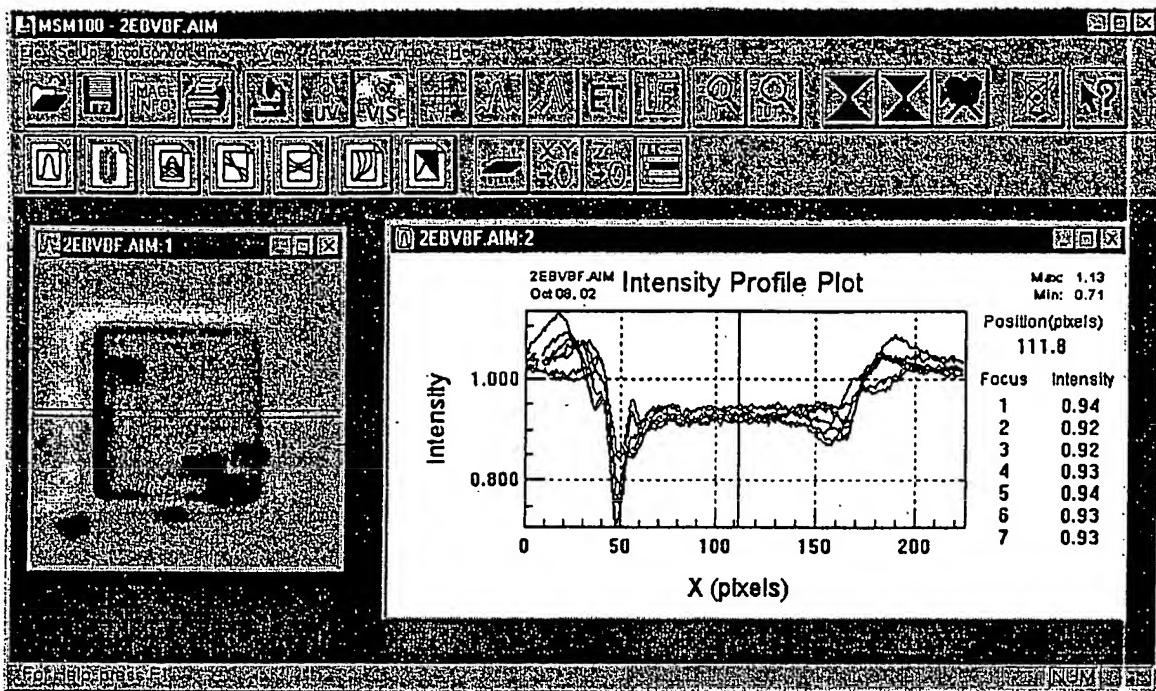


FIG.
9D

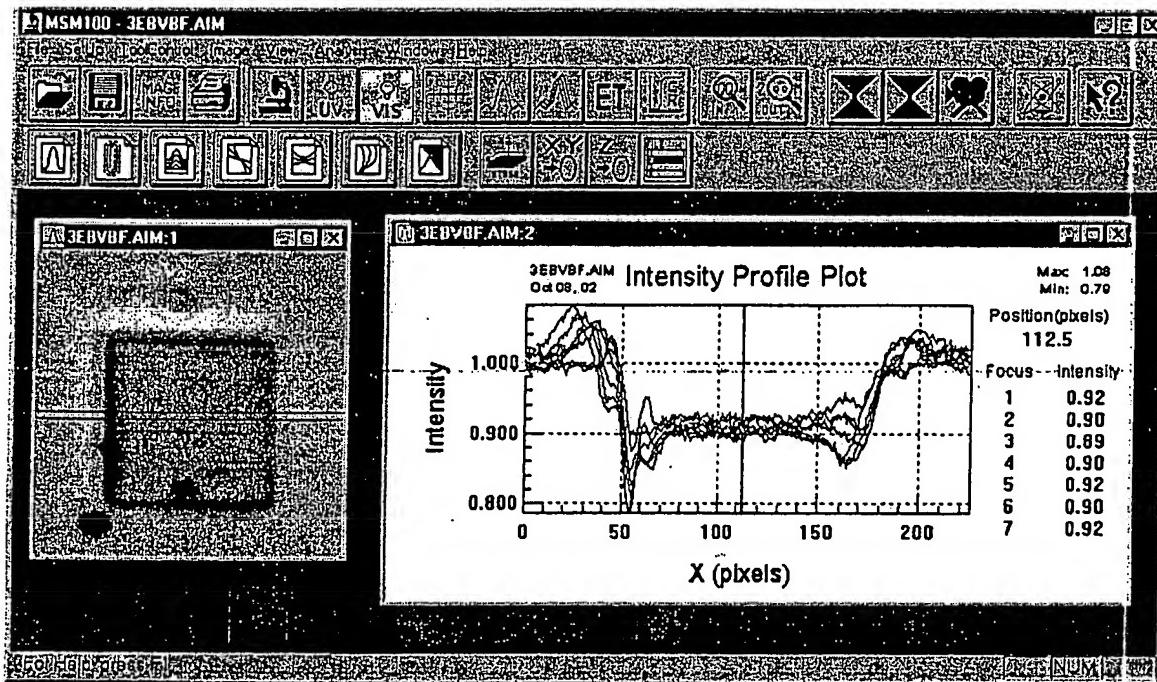


FIG.
9E

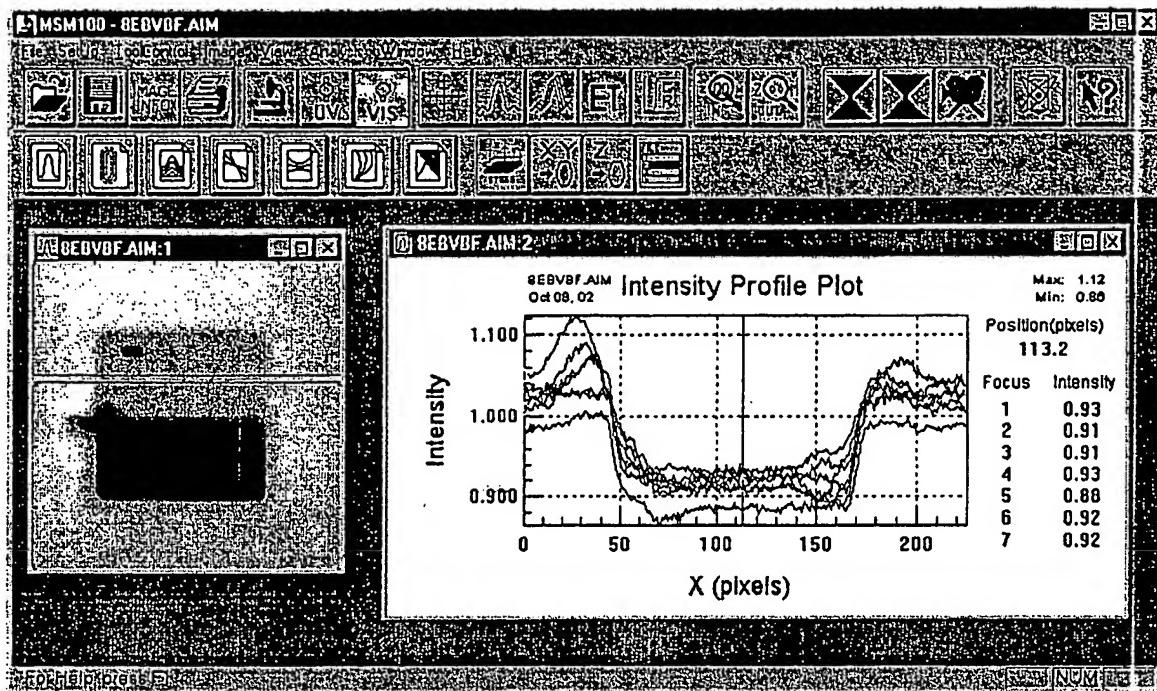
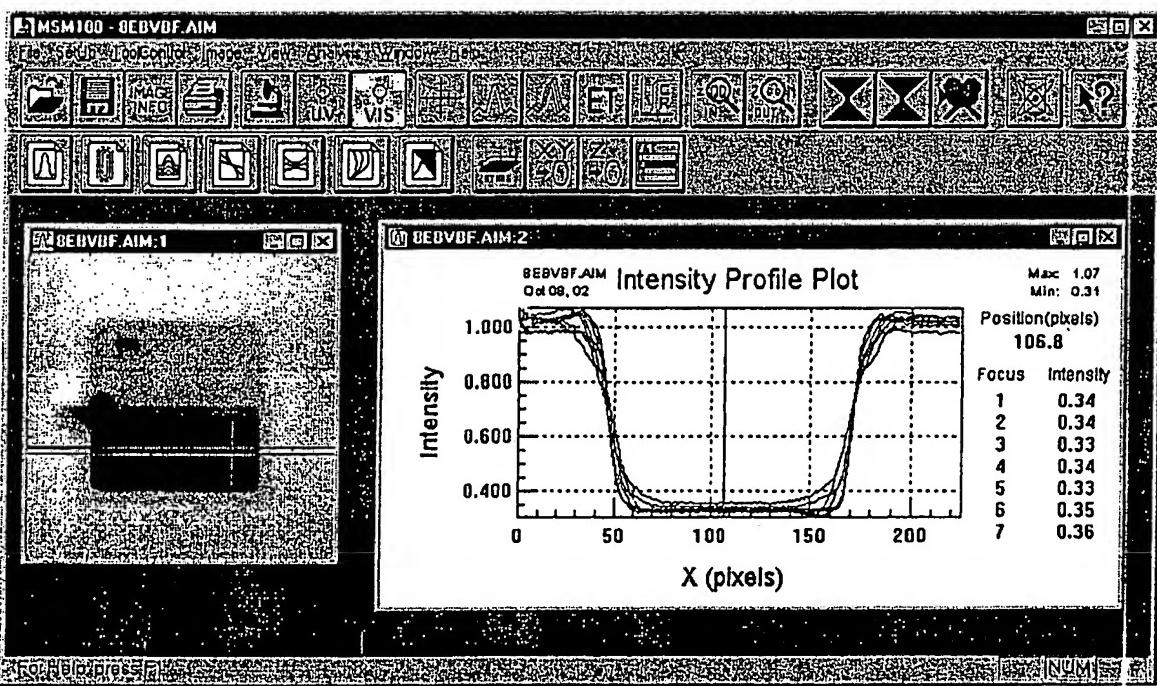


FIG.
9F



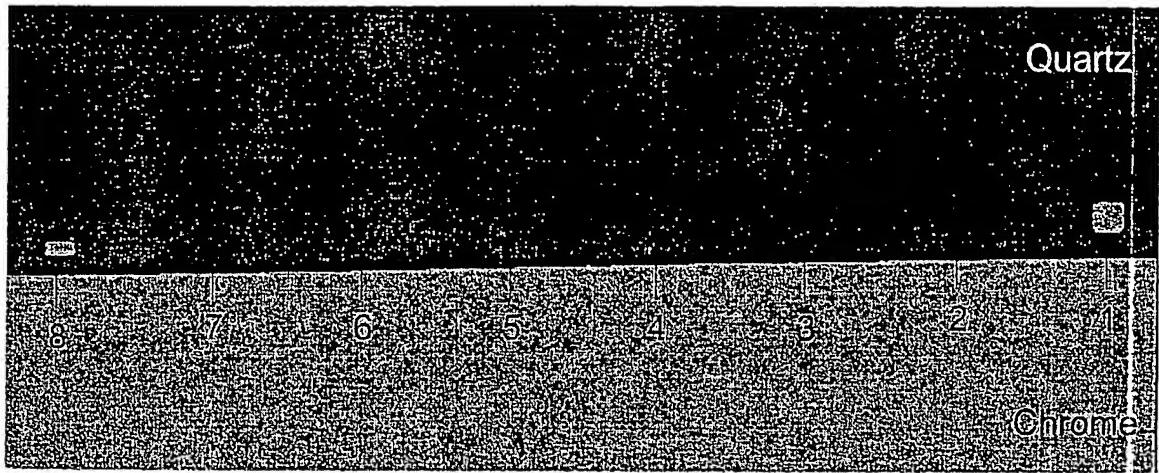


FIG. 10

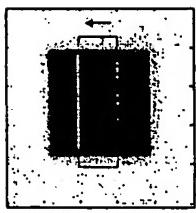
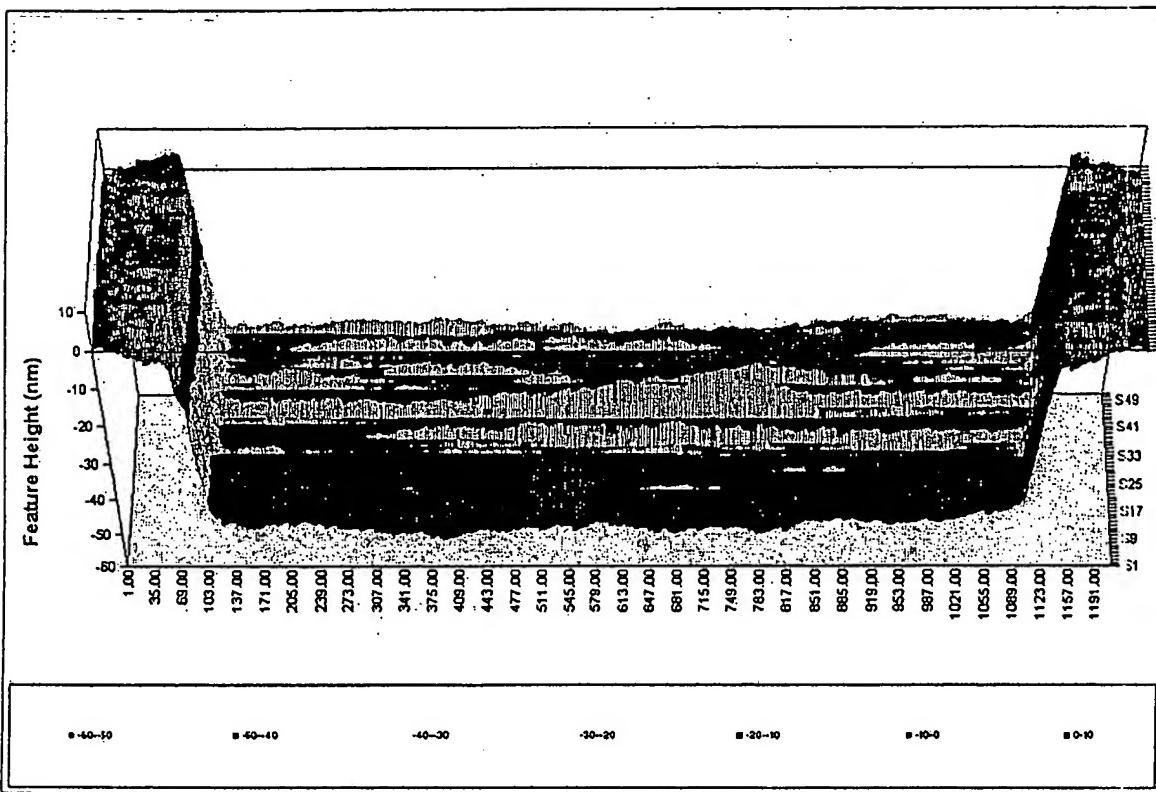


FIG. 11B



SNP plot

FIG. 11A

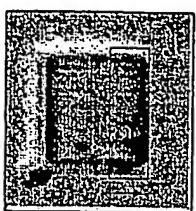
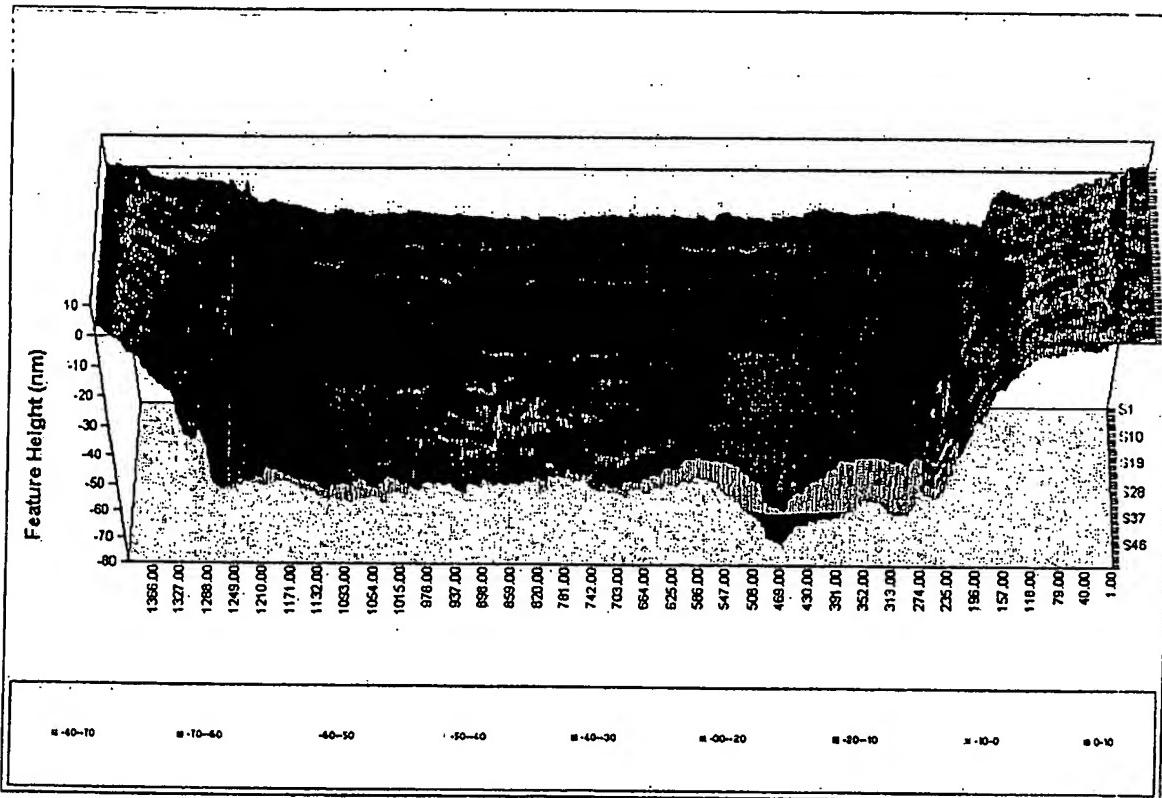


FIG. 11D



SNP plot

FIG. 11C

FIG. 11F

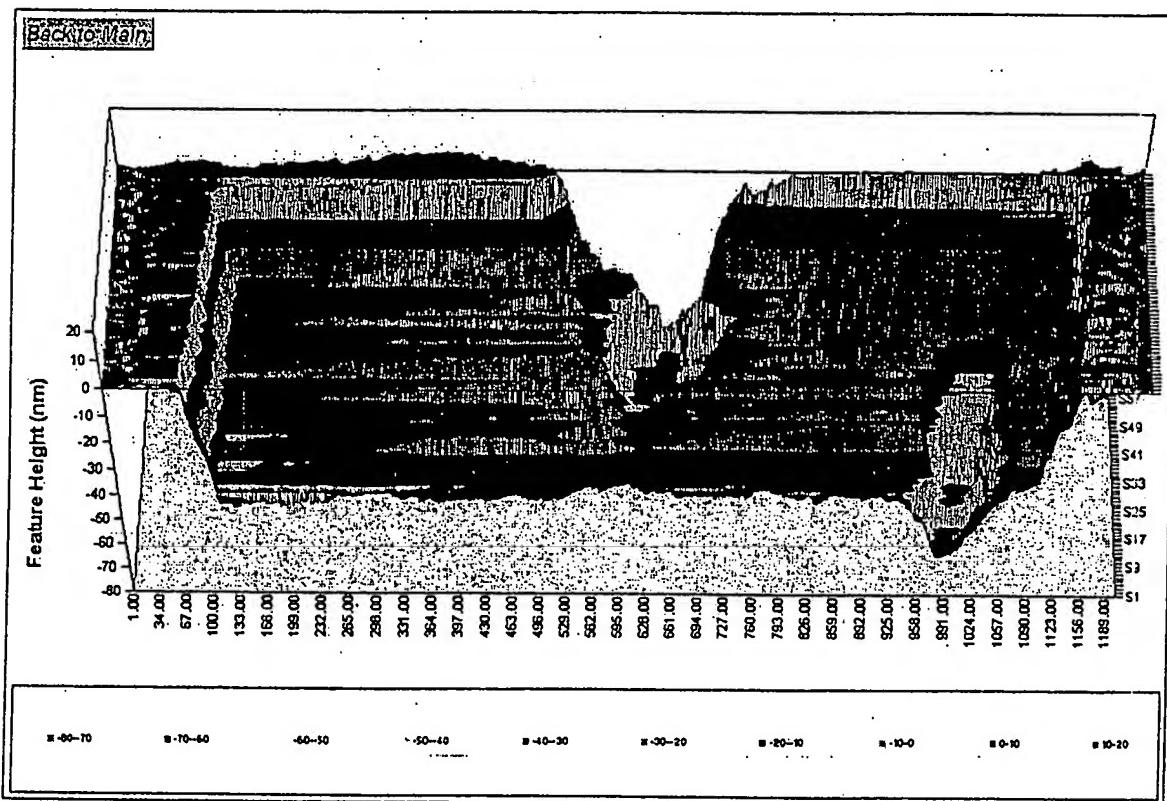
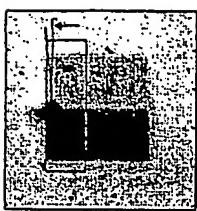


FIG. 11E

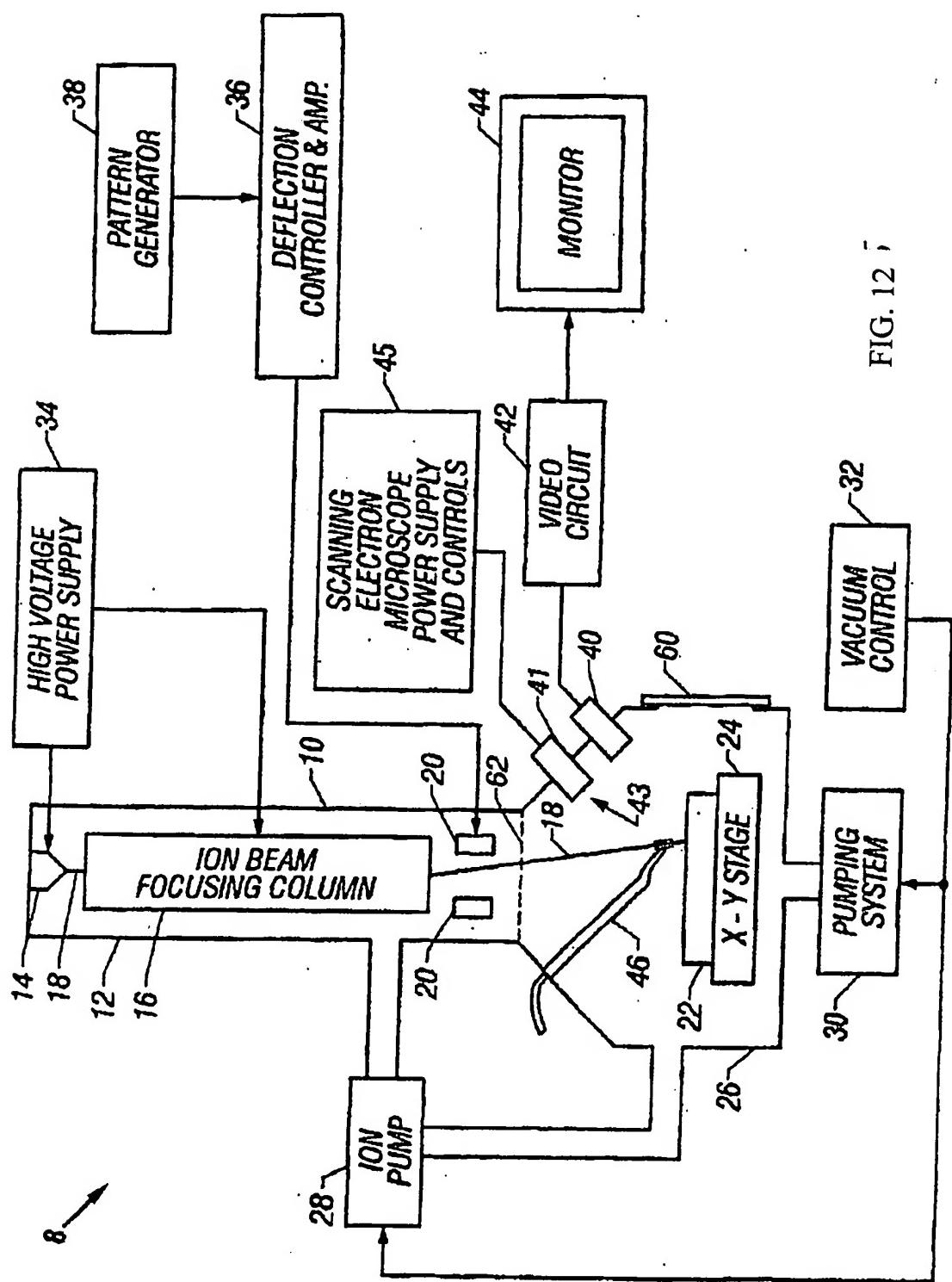


FIG. 12 ;